

~~derf~~, apparatus

The present invention relates to methods and means for receiving analogue signals varying within a large signal range in for instance a radio communication system.

5 A receiver (300) includes an un-attenuated signal receiver branch (303) with a first dynamic range and at least one attenuated signal receiver branch (304) with a second dynamic range. The attenuated signal receiver branch (304) is arranged in such a way that the second dynamic range is partly overlapping the first dynamic range and together with the first dynamic range cover the large signal range of the analogue signals.

15 The attenuated signal receiver branch (304) includes an attenuator (306) which attenuate the amplitude of an input signal by a certain value to acquire the desired overlapping second dynamic range. 7

The signal receiver branches are connected to a third block 308 which selects between sampled bursts from the respective signal receiver branch for further processing in the receiver.

20 Publication Figure: Figure 3

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